Section I:

AMENDMENT UNDER 37 CFR §1.121 to the CLAIMS

Claims 1 - 13 (cancelled)

14. (currently amended) A computer-implemented grid computing control method comprising:

receiving by a grid computing control system one or more grid resource self-reports from one or more self-reporting ~~Online Transaction Processing~~ computing resources in a grid computing environment;

receiving by [[said]] the grid computing control system one or more job results from a grid resource job results manager system corresponding to jobs completed by [[said]] the self-reporting ~~Online Transaction Processing~~ grid computing resources;

analyzing by [[said]] the grid computing control system [[said]] the received job results and [[said]] the received self-reports against client-driven Service Level Agreement performance requirements corresponding to [[said]] the completed jobs and determining one or more sub-ratings selected from a group comprising percentage of jobs completed, percentage of jobs completed within specified time constraints, an interactiveness rating, and a cost compliance rating;

producing and updating a grid resource rating table having [[said]] the sub-ratings according to a weighted analysis of [[said]] the sub-ratings for each resource vendor;

subsequently selecting by [[said]] the grid computing control system an available grid resource server in [[said]] the grid computing environment from a plurality of available grid resource servers according to [[said]] the grid resource rating table; and

assigning ~~an Online Transaction Processing~~ a subsequently requested job to [[said]] the selected grid resource server wherein [[said]] the selection and assignment is performed according to historical performance against client-driven performance requirements per [[said]] the grid resource rating table.

Claims 15 - 39 (cancelled)

40. (currently amended) A computer storage memory comprising:

a computer readable storage memory suitable for encoding software; and

one or more computer programs encoded by [[said]] the computer readable memory and

configured to cause a processor to:

receive by a grid computing control system one or more grid resource self-reports from one or more self-reporting ~~Online Transaction Processing~~ computing resources in a grid computing environment;

receive by [[said]] the grid computing control system one or more job results from a grid resource job results manager system corresponding to jobs completed by [[said]] the self-reporting Online Transaction Processing computing resources;

analyze by [[said]] the grid computing control system [[said]] the received job results and [[said]] the received self-reports against client-driven Service Level Agreement performance requirements corresponding to [[said]] the completed jobs and determining one or more sub-ratings selected from a group comprising percentage of jobs completed, percentage of jobs completed within specified time constraints, an interactiveness rating, and a cost compliance rating;

produce and update a grid resource rating table having [[said]] the sub-ratings according to a weighted analysis of [[said]] the sub-ratings for each resource vendor;

subsequently, select by [[said]] the grid computing control system an available grid resource server in [[said]] the grid computing environment from a plurality of available grid resource servers according to [[said]] the grid resource rating table; and

assigning ~~an Online Transaction Processing~~ a subsequently requested job to [[said]] the selected grid resource server wherein [[said]] the selection and assignment is performed according to historical performance against client-driven performance requirements per [[said]] the grid resource rating table.

41. (currently amended) A grid computing control system comprising:

a grid computing controller selected from a group comprising a microprocessor, programmable logic circuit, and custom integrated circuit, configured to perform ~~control hardware means performing~~ a logical process of automatically dynamically assigning an Online Transaction Processing job to an available grid resource server based upon historical performance against grid processing job requirements driven by a client;

receiver portion of the grid computing controller ~~said hardware means~~ receiving one or more grid resource self-reports from one or more self-reporting computing resources in a grid computing environment;

a Service Level Agreement accesser portion of the grid computing controller ~~said hardware means~~ accessing one or more Service Level Agreements associated with [[said]] the client;

a job results receiver portion of the grid computing controller ~~said hardware means~~ receiving one or more job results from a grid computing environment job results manager system;

an analyzer portion of the grid computing controller ~~said hardware means~~, responsive to completion of an Online Transaction Processing job by a particular grid resource server, analyzing received job results and received self-reports from [[said]] the particular grid resource server against [[said]] the accessed Service Level Agreement, including determining one or more sub-ratings selected from a group comprising percentage of jobs completed, percentage of jobs completed within specified time constraints, an interactiveness rating, and a cost compliance rating; [[and]]

a report producer portion of the grid computing controller ~~said hardware means~~ subsequently producing and updating a grid resource rating table having [[said]] the sub-ratings according to a weighted analysis of [[said]] the sub-ratings for each resource vendor; and

a selector/assigner portion of the grid computing controller ~~said hardware means~~ selecting an available grid resource server in [[said]] the grid computing environment from a plurality of available grid resource servers according to [[said]] the grid resource rating table, and assigning a subsequently requested ~~an Online Transaction Processing~~ job to [[said]] the selected grid resource server.

Claims 42 - 43. (cancelled)